

Test Laboratory: Kyocera Wireless Corp.

File Name: [Validation\\_H\\_Dipole\\_Probe SN6029, Dipole SN1020, set to probe sensor center for 835Mhz, 05-23-07.da4](#)

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Phantom section: H Dipole Section

DASY4 Configuration:

- Probe: H3DV5 - SN6029; ; Calibrated: 6/22/2006

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn527; Calibrated: 9/19/2006

- Phantom: HAC Test Arch; Type: SD HAC P01 BA;

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 172

**H Scan 10mm above CD835MHz/Hearing Aid Compatibility Test (41x361x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.451 A/m

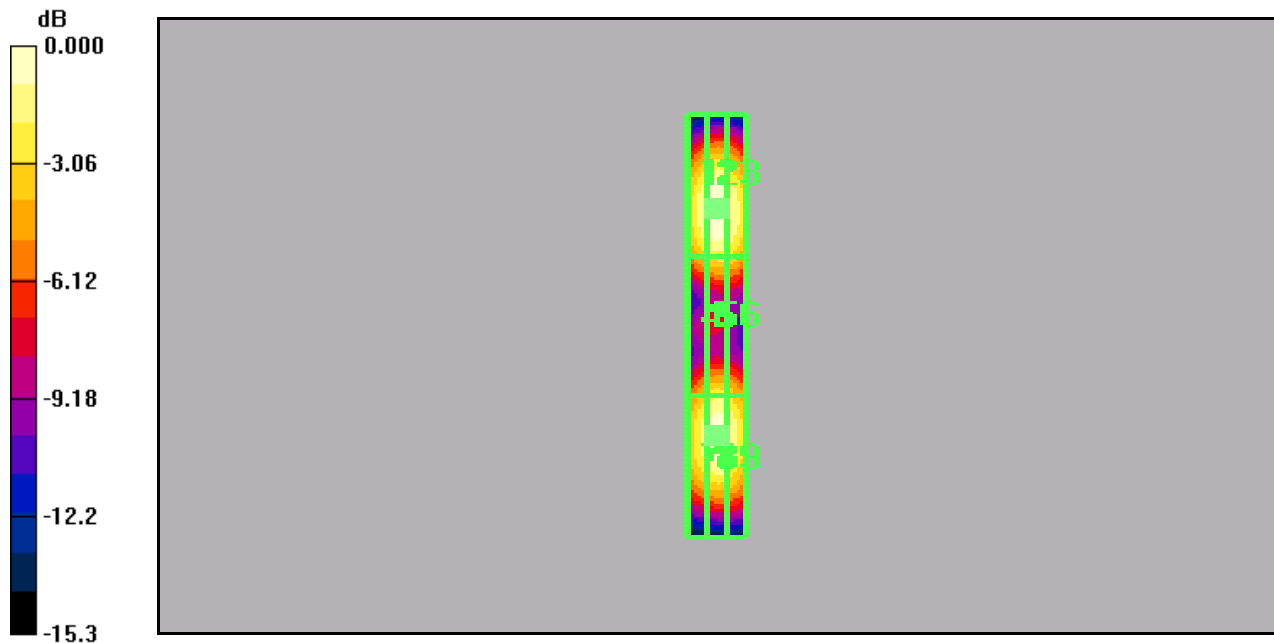
Probe Modulation Factor = 1.00

Reference Value = 0.191 A/m; Power Drift = 0.088 dB

**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
<b>0.416</b>	<b>0.451</b>	<b>0.424</b>
Grid 4	Grid 5	Grid 6
<b>0.318</b>	<b>0.349</b>	<b>0.330</b>
Grid 7	Grid 8	Grid 9
<b>0.394</b>	<b>0.432</b>	<b>0.410</b>



0 dB = 0.451A/m

Test Laboratory: Kyocera Wireless Corp.

File Name: [Validation\\_H\\_Dipole\\_Probe SN6029, Dipole SN1015, set to probe sensor center for 1880Mhz, 05-23-07.da4](#)

Communication System: CW; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

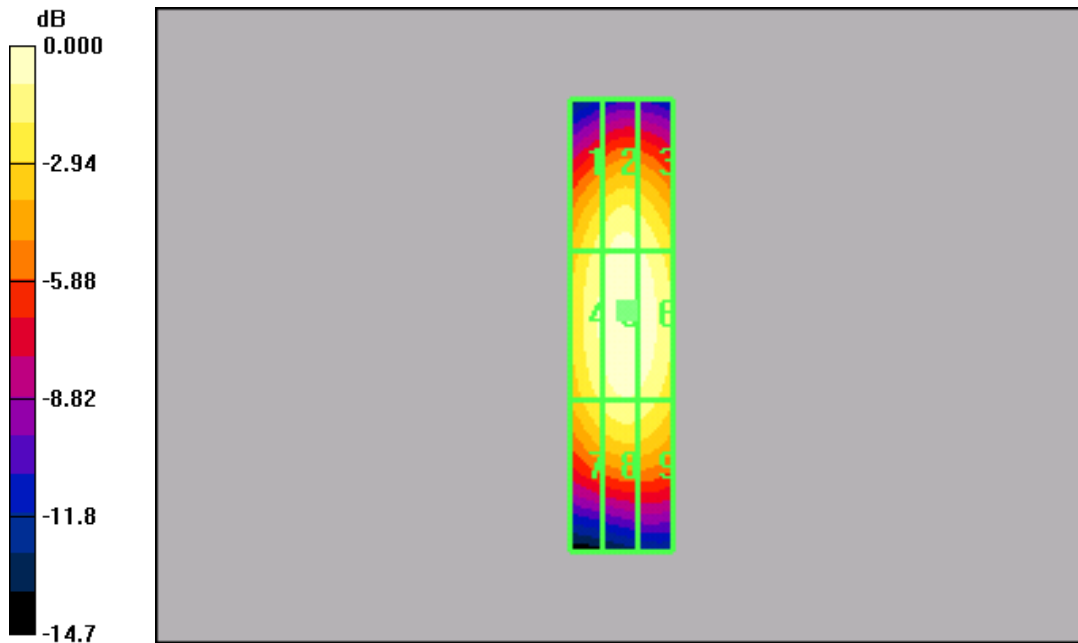
Phantom section: H Dipole Section

DASY4 Configuration:

- Probe: H3DV5 - SN6029; ; Calibrated: 6/22/2006
  - Sensor-Surface: (Fix Surface)
  - Electronics: DAE4 Sn527; Calibrated: 9/19/2006
  - Phantom: HAC Test Arch; Type: SD HAC P01 BA;
  - Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 172
- H Scan 10mm above CD1880MHz/Hearing Aid Compatibility Test (41x181x1):** Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 0.494 A/m  
 Probe Modulation Factor = 1.00  
 Reference Value = 0.492 A/m; Power Drift = -0.004 dB  
**Hearing Aid Near-Field Category: M2 (AWF 0 dB)**

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.428	0.464	0.448
Grid 4	Grid 5	Grid 6
0.459	0.494	0.481
Grid 7	Grid 8	Grid 9
0.406	0.436	0.426



0 dB = 0.494A/m

Test Laboratory: Kyocera Wireless Corp.

File Name: [Validation\\_E\\_Dipole\\_Probe SN2341, Dipole SN1020, set to probe sensor center for 835Mhz 05-24-07.da4](#)

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: E Dipole Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2341; ConvF(1, 1, 1); Calibrated: 4/20/2007

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn527; Calibrated: 9/19/2006

- Phantom: HAC Test Arch; Type: SD HAC P01 BA;

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 172

**E Scan 10mm above CD835MHz/Hearing Aid Compatibility Test (41x361x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 180.9 V/m

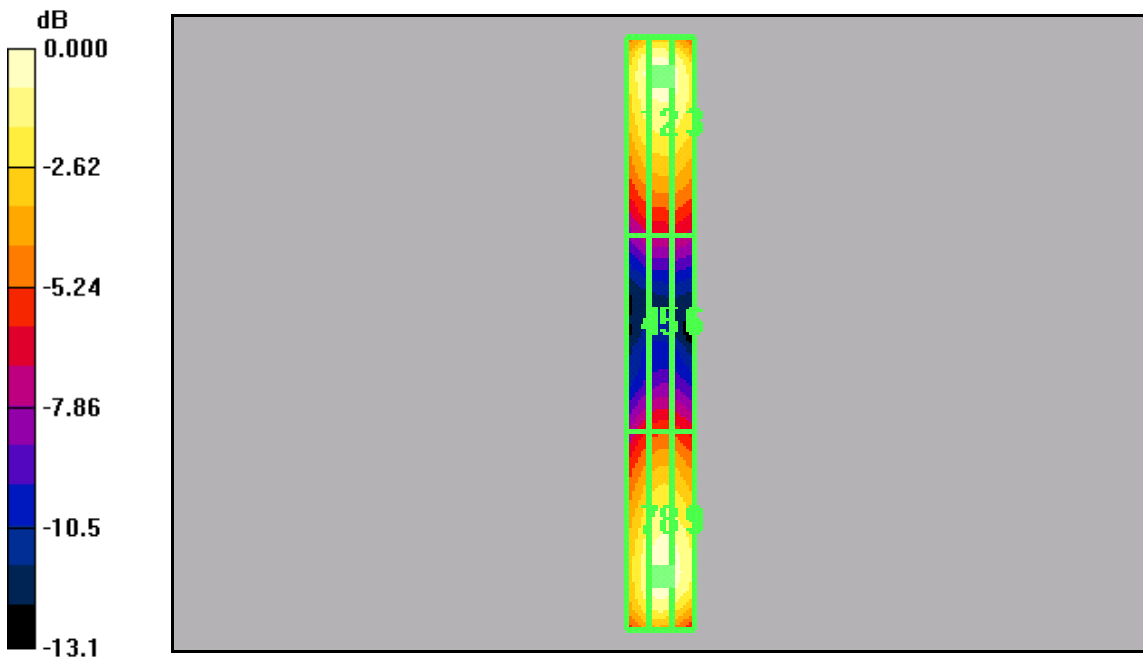
Probe Modulation Factor = 1.00

Reference Value = 53.6 V/m; Power Drift = -0.039 dB

**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
169.2	174.9	171.5
Grid 4	Grid 5	Grid 6
92.6	98.3	96.5
Grid 7	Grid 8	Grid 9
164.0	180.9	174.9



0 dB = 180.9V/m

Test Laboratory: Kyocera Wireless Corp.

File Name: [Validation\\_E\\_Dipole\\_Probe SN2341, Dipole SN1015, set to probe sensor center for 1880Mhz, 05-24-07.da4](#)

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: E Dipole Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2341; ConvF(1, 1, 1); Calibrated: 4/20/2007

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn527; Calibrated: 9/19/2006

- Phantom: HAC Test Arch; Type: SD HAC P01 BA;

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 172

**E Scan 10mm above CD1880MHz/Hearing Aid Compatibility Test (41x181x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 144.5 V/m

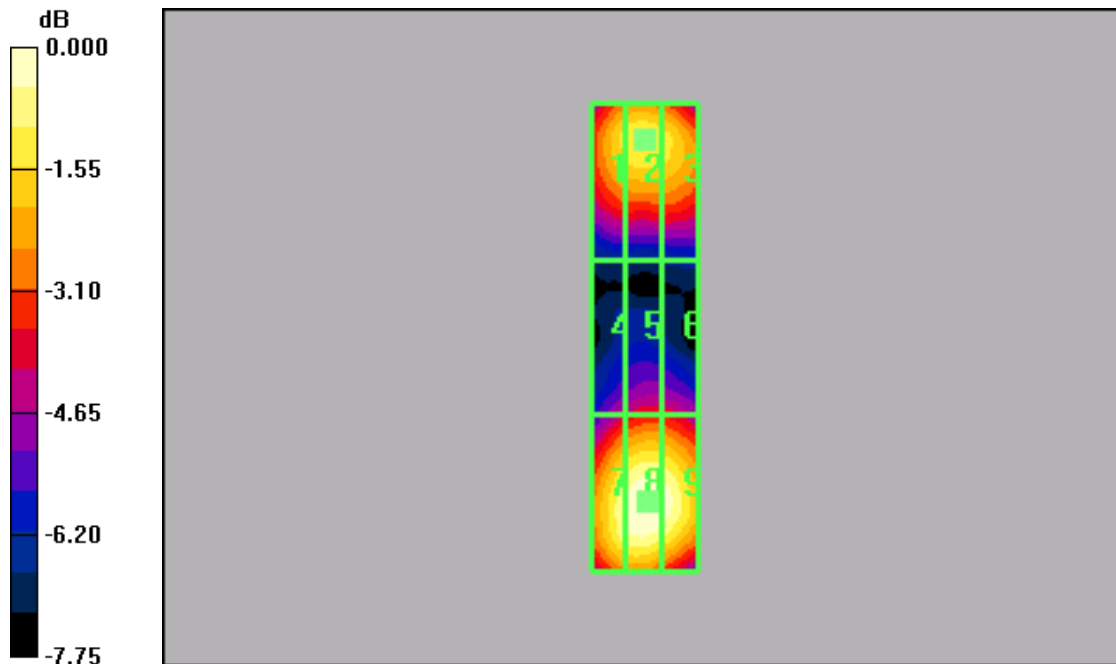
Probe Modulation Factor = 1.00

Reference Value = 69.9 V/m; Power Drift = 0.099 dB

**Hearing Aid Near-Field Category: M2 (AWF 0 dB)**

Peak E-field in V/m

Grid 1 125.2	Grid 2 128.9	Grid 3 125.3
Grid 4 91.1	Grid 5 96.7	Grid 6 95.2
Grid 7 137.7	Grid 8 144.5	Grid 9 141.1



0 dB = 144.5V/m